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International Conference on Case Histories in  
Geotechnical Engineering

(2008) - Sixth International Conference on Case  
Histories in Geotechnical Engineering

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11 Aug 2008 - 16 Aug 2008

## Conference Schedule

Multiple Authors

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**SIXTH INTERNATIONAL CONFERENCE ON  
CASE HISTORIES IN GEOTECHNICAL ENGINEERING AND  
SYMPOSIUM IN HONOR OF PROFESSOR JAMES K. MITCHELL  
Arlington, VA (USA) August 11-16, 2008**

Marriott Crystal Gateway  
1700 Jefferson Davis Highway  
Arlington, VA 22202

Conference Program

**MONDAY, AUGUST 11, 2008**

- 7:00 AM – 8:00 AM**      **Registration – Short Course**
- 8:00 AM – 6:00 PM**      **Soil Dynamics in Engineering Practice Short Course**  
*(Salon F&G)*

**TUESDAY, AUGUST 12, 2008**

- 8:00 AM – 12:00 PM**      **Short Course (Continued)**  
*(Salon F&G)*
- 1:00 PM – 10:00 PM**      **CONFERENCE REGISTRATION**
- 4:00 PM – 6:00 PM**      **Meeting of Organizing/Steering Committees**  
*(Salon F&G)*
- 6:00 PM – 9:00 PM**      **SET-UP POSTER – SESSION 1**  
*(Ballroom Foyer)*
- SET-UP EXHIBITIONS**  
*(Salon A-E)*

**WEDNESDAY, AUGUST 13, 2008**

- 7:00 AM – 5:00 PM**      **REGISTRATION**
- 7:00 AM – 8:00 AM**      **Continental Breakfast**  
*(Salon A-E)*
- 8:00 AM – 7:00 PM**      **SPOUSES PROGRAM – Sally Prakash (USA)**  
*(Salon F&G)*

- |                          |   |
|--------------------------|---|
| <b>8:00 AM – 8:30 AM</b> | <b>Opening Ceremonies</b><br><i>(Salon H-K)</i> |
|--------------------------|---|

Shamsher Prakash (USA) – Conference Chairman  
William P. Schonberg (USA) – Chair, Civil, Architectural & Environmental Engineering Dept.,  
Missouri University of Science and Technology  
Pedro Seco E. Pinto (Portugal) – ISSMGE  
Ed Kavazanjian (USA) – Geo Institute - ASCE  
Vote of Thanks

**8:30 AM - 9:00 AM**      **Ralph B. Peck Memorial Tributes**  
**Dedication of Proceedings to the Memory of the Late Ralph B. Peck**  
Shamsher Prakash  
W. D. Liam Finn  
James K. Mitchell  
Clyde Baker  
Ed Cording

## WEDNESDAY, AUGUST 13, 2008 (continued)

9:00 AM – 3:30 PM

**STATE OF THE ART AND PRACTICE LECTURES**  
(Salon H-K)

9:00 AM – 9:45 AM

Chairman: Ricardo Dobry (USA)  
**W.D. Liam Finn (Canada) – Keynote Lecture – “The Impact of Low Probability Ground Motions on Canadian Geotechnical Engineering Practice”**  
**Vote of Thanks**  
**Announcements**

9:45 AM – 10:30 AM

**SOAP 8**  
Chairman: Hugh Lacy (USA)  
Speaker: **William Van Impe (Belgium)**  
Topic: Evaluation of the Experiences in Underwater Dam Construction on Soft Soils

10:30 AM – 11:00 AM

**COFFEE BREAK - VISIT POSTERS/EXHIBITIONS**  
(Salon A-E)

11:00 AM – 11:30 AM

**OSP 1 (Salon H-K)**  
Chairman: Constantine Stamatopoulos (Greece)  
Speaker: **George Gazetas (Greece)**  
Topic: Case Histories of Foundations on top of a Rupturing Normal Fault during the Kocaeli 1999 Earthquake

11:30 AM – 12:00 PM

**OSP 6**  
Chairman: Karun Sreerama (USA)  
Speaker: **A. Verghese Chummar (India)**  
Topic: Case Studies of Failure of Cast-in-Situ Piles

12:00 PM – 12:30 PM

**OSP 5**  
Chairman: Valery Barvashov (Russia)  
Speaker: **Rolf Katzenbach (Germany)**  
Topic: Soil-Structure Interaction and ULS Design of Complex Deep Foundations

12:30 PM – 1:30 PM

**LUNCH BREAK – VISIT POSTERS/EXHIBITIONS (VIDEOS)**

1:30 PM – 2:15 PM

**SOAP 7 (Salon H-K)**  
Chairman: Thomas Zimmie (USA)  
Speaker: **Ed Kavazanjian (USA)**  
Topic: The Indispensable Role of Case Histories in Landfill Engineering

2:15 PM – 2:45 PM

**OSP 10**  
Chairman: Russell Green (USA)  
Speaker: **Wang Lanmin (China)**  
Topic: Qinghai-Tibet Railway, China and the Solutions to its Major Geotechnical Problems for Construction

2:45 PM – 3:30 PM

**SOAP 3**  
Chairman: Richard D. Woods (USA)  
Speaker: **K. Rainer Massarsch (Sweden) and Bengt H. Fellenius (Canada)**  
Topic: Ground Vibrations Induced by Impact Pile Driving

## WEDNESDAY, AUGUST 13, 2008 (continued)

**3:30 PM – 4:00 PM** COFFEE BREAK - VISIT POSTERS/EXHIBITIONS (VIDEOS)  
(Salon A-E)

**4:00 PM – 4:45 PM** **SOAP 12** (Salon H-K)  
Chairman: Youssef M.A. Hashash (USA)  
Speaker: **Kjell Karlsrud (Norway)**  
Topic: Design and Performance of Deep Excavations in Soft Clays

**4:45 PM – 5:15 PM** **OSP 4**  
Chairman: Sabanayagam Thevanayagam (USA)  
Speaker: **Tony Canale (USA)**  
Topic: New York City High-rises on Rock: Uncovering the Unknown Leads to Variable Foundation Solutions

**5:15 PM – 6:45 PM** **SESSION 1**  
“Case Histories of Unexpected Behavior and Failure of Shallow, Deep and other Foundations, including Soil Structure Interaction, Foundations in Expansive, Collapsible and Sulphative Rich Soils, Foundations in Arid, Semi-Arid Zones; Case Histories Involving Rapid Load Testing (Statnamic, Fundex, Drop Weight) for Deep Foundations, Pile Driving and Evaluation”  
  
Chairman: Harry Poulos (Australia)  
Co-Chairman: Peter Byrne (Canada)  
General Reporters: Rodrigo Salgado (USA)  
Co-General Reporters: Dipanjan Basu (USA), Kenneth Gavin (Ireland), Gloria Maria Estrada Alvarez (Colombia), Sanjeev Kumar (USA), Syed Faiz Ahmad (Saudi Arabia)  
Official Discussers: N.K. Samadhiya (India), Chavdar Kolev (Bulgaria), Jaime Graterol M. (Venezuela), Sieng Kai Lee (Malaysia)

**5:15 PM – 5:20 PM** Chairman opens the Session

**5:20 PM – 5:30 PM** **Paper No. 1.47** - Foundation Design for the Burj Dubai - The World's Tallest Building – **Harry G. Poulos and Grahame Bunce (UK)**

**5:30 PM – 5:55 PM** General Report  
**5:55 PM – 6:35 PM** Discussion from Floor/Replies from Authors  
**6:35 PM – 6:45 PM** Remarks by Co-Chairmen and Closure by the Chairman

**6:45 PM – 8:30 PM** CASH BAR/RECEPTION  
(Salon A-E)

**8:30 PM – 10:00 PM** TECHNICAL COMMITTEE MEETING (Salon F&G)  
a) PROPOSAL: INDO-US WORKSHOP ON  
GEOTECHNICAL EARTHQUAKE HAZARD  
MITIGATION 2010  
b) SPECIAL VIDEO PRESENTATIONS

## THURSDAY, AUGUST 14, 2008

8:00 AM – 5:00 PM	<b>REGISTRATION</b> (Continued)
7:00 AM – 8:00 AM	<b>Continental Breakfast</b> (Salon A-E)
7:00 AM – 6:00PM	<b>SPOUSES PROGRAM – Sally Prakash (USA)</b> (Salon F&G)
8:00 AM – 4:00 PM	<b>SYMPOSIUM TO HONOR PROFESSOR JAMES K. MITCHELL</b> (Salon H-K)
8:00 AM – 8:45 AM	<b>SOAP 14</b> Chairman: J. David Rogers (USA) Speaker: <b>Clyde Baker (USA)</b> Topic: Unexpected Caisson Problems, Soil Structure Interaction Predictions and Required Ground Modification
8:45 AM – 9:30 AM	<b>SOAP 4</b> Chairman: Michael J. Pender (New Zealand) Speaker: <b>Raymond B. Seed (USA)</b> Topic: Performance of the New Orleans Levee Systems in Hurricane Katrina (not yet received)
9:30 AM – 10:00 AM	<b>COFFEE BREAK, VISIT POSTERS/EXHIBITIONS (VIDEOS)</b> (Salon A-E)
10:00 AM – 12:30 PM	<b>SPECIAL SESSION TO HONOR PROFESSOR JAMES K. MITCHELL</b> (Salon H-K)  Chairman: I.M. Idriss (USA) Co-Chairman: Shamsher Prakash (USA)
10:00 AM – 10:05 AM	Presentation of Bouquet JKM-1: <b>Richard A. Mitchell (USA)</b> Topic 1: My Dad
10:05 AM – 10:35 AM	Topic 2: Evaluation and Long-Term Performance Monitoring of Landfill Containment and Control Systems (not yet received)
10:35 AM – 10:55 AM	JKM-2: <b>James M. Duncan (USA)</b> Topic: Failures of Floodwalls in New Orleans During Hurricane Katrina (not yet received)
10:55 AM – 11:15 AM	JKM-3: <b>Ed Kavazanjian Jr. (USA)</b> Topic: Microbiological Improvement of the Physical Properties of Soil
11:15 AM – 11:35 AM	JKM-4: <b>Rudy Bonaparte (USA)</b> Topic: Design, Construction, and Performance of Low-Level Radioactive Waste Disposal Facility
11:35 AM – 11:55 AM	JKM-5: <b>H. Turan Durgunoglu (Turkey)</b> Topic: Performance of Deep Soil Nailed Walls
11:55 AM – 12:15 PM	JKM-6: <b>Kenichi Soga (United Kingdom)</b> Topic: Distributed Fiber Optics Strain Measurements for Monitoring Geotechnical Structures
12:15 PM – 12:30 PM	<b>Professor James K. Mitchell (USA) Responds</b>
12:30 PM– 1:30 PM	<b>LUNCH BREAK - VISIT POSTERS/EXHIBITIONS (VIDEOS)</b> (LUNCH TO HONOR PROF. JAMES K. MITCHELL – BY INVITATION) (Salon F&G)
1:30 PM – 4:00 PM	<b>SYMPOSIUM TO HONOR PROFESSOR JAMES K. MITCHELL (continued)</b> (Salon H-K)
1:30 PM – 2:15 PM	<b>SOAP 11</b> Chairman: Nick Sitar (USA) Speaker: <b>James K. Mitchell (USA)</b> Topic: Aging of Sand – A Continuing Enigma?

## THURSDAY, AUGUST 14, 2008 (continued)

**2:15 PM – 4:00 PM**

### **SESSION 7** (*Salon H-K*)

“Case Histories of Soil Property Improvement, Expansive and Collapsible Soils; for Earthquake Mitigation, Use of Lightweight Materials, Application of Geo-Synthetics; Freshly Loaded Filled Ancient Marshy Lands – The Effects and Risks of Foundation, (Vanished Ports such as Alexandria and Other Unknown, (Also from India-Puri-Mahabalipuram), Site Characterization”

“Case Histories of Environmental Contamination and Problems including, Geotechnical and Hydrological Management and Remediation of Solid, Hazardous and Low-Level Radioactive Wastes, including Liner Cover Systems and Landfill Closure for Brownfield Development”

Chairman: T.F.H. Legge (South Africa)

Co-Chairman: John L. Daniels (USA)

General Reporter: Jose L.M. Clemente (USA)

Co-General Reporter: Stavros A. Savidis (Germany), Mounir Bouassida (Tunisia), Muawia A. Dafalla (Saudi Arabia), D.L. Shah (India)

Official Discussers: Sukhmander Singh (USA), Liaqat Ali (Pakistan), Adel M. El-Kelesh (Japan)

**2:15 PM – 2:20 PM**

Chairman opens the Session

**2:20 PM – 2:30 PM**

Special Paper No. 10.01 – A TRIBUTE TO PROF. JAMES K. MITCHELL -

“Cratering and Blowing Soil by Rocket Engines during Lunar Landings” -

Philip T. Metzger (USA), John E. Lane (USA), Christopher D. Immer (USA) and Sandra Clements (USA)

**2:30 PM – 2:40 PM**

Special Paper No. 10.02 - A TRIBUTE TO PROF. JAMES K. MITCHELL -

“Review of Lunar Regolith Properties for Design of Low Power Lunar Excavator” -

Leslie Gertsch (USA), Jamal Rostami (USA) and Robert Gustafson (USA)

**2:40 PM – 3:10 PM**

General Report

**3:10 PM – 3:50 PM**

Discussion from the Floor/Replies from Authors

**3:50 PM – 4:00 PM**

Remarks by the Co-Chairman and Closure by Chairman

**4:00 PM – 4:30 PM**

COFFEE BREAK - VISIT POSTERS/EXHIBITIONS (VIDEOS)  
(*Salon A-E*)

**4:30 PM – 6:00 PM**

### **CONCURRENT SESSIONS 4, 2**

#### **SESSION 4** (*Salon H*)

“Case Histories of Engineering Vibrations, Vibration Control for Underground and Surface Constructions with Specific Emphasis on the Urban Environment; Predictions, Monitoring and Solutions; Blasting for Tunnels in Soft Ground and Rock, Discontinuous Rocks and their Application to Water Resources Projects”

Chairman: Jost A. Studer (Switzerland)

Co-Chairman: Vijay K. Puri (USA)

General Reporter: Joel Volterra (USA)

Co-General Reporters: Sami Arsoy (Turkey)

Official Discussers: Zhangming Li (China)

**4:00 PM – 4:05 PM**

Chairman opens the Session

**4:05 PM – 4:35 PM**

#### **OSP 8**

Speaker: **Mark R. Svinkin** (USA)

Topic: Soil and Structure Vibrations from Construction and Industrial Sources

**4:35 PM – 4:55 PM**

General Report

**4:55 PM – 5:20 PM**

Discussion from the Floor/Replies from Authors

**5:20 PM – 5:30 PM**

Remarks by Co-Chairman and Closure by the Chairman

#### **SESSION 2** (*Salon J-K*)

“Case Histories on Failures of Slopes, Dams, Embankments and Landfills, Including those on Landslides and other Mass Movements (Failure of Levees in New Orleans, Katrina, 2005, Debris Flows, Mudslides in California, Venezuela and Elsewhere) due to Rain, Flooding, Earthquakes, Anthropological and other Causative Factors”

Chairman: Michael K. Sharp (USA)

Co-Chairmen: Michele Maugeri (Italy)

Meindert A. Van (Netherlands)

General Reporter: George Mylonakis (Greece)

Co-General Reporters: Qamar A. O. Kazmi (USA), Scott G.

Newhouse (USA), Achilleas G. Papadimitriou (Greece)

Official Discussers: Zakaria Hossain (Japan), Mitsu Okamura (Japan), Farzad Farrokhzad (Iran)

**4:00 PM – 4:05 PM**

Chairman opens the Session

**4:05 PM – 4:35 PM**

General Report

**4:35 PM – 5:20 PM**

Discussion from the Floor/Replies from Authors

**5:20 PM – 5:30 PM**

Remarks by Co-Chairmen and Closure by the Chairman

## THURSDAY, AUGUST 14, 2008 (continued)

**5:30 PM – 7:00 PM** REMOVE POSTERS - SESSION 1  
DISPLAY POSTERS – SESSION 2  
(Ballroom Foyer)

**5:30 PM – 7:00 PM** DINNER BREAK

### 7:00 PM – 8:30 PM CONCURRENT SESSIONS 8, 9

#### SESSION 8 (Salon J-K)

8a. “Case Histories of Projects of District of Columbia, Maryland and Virginia; DC Monuments; Washington Monument, WWII Memorial, Lincoln Memorial, and Reflecting Pool; DC Convention Center, New I-95 Woodrow Bridge over the Potomac D. C. Metro, Springfield Interchange, The Dulles Light Rail Project.

8b. “Case Histories of Forensic Geotechnical Engineering, Where Things Went Wrong; Reliability of Codes; Risk Analysis Pertaining to Public Structures, Non-Destructive Evaluation and Load Testing of Drilled Shafts, Auger Cast Piles and Driven Piles; and Damage Evaluation” and “Advance Information, Systems in the Geotechnical Risk Predication and Assessment”

8c. “Case Histories of Health Monitoring and Retrofit of Infrastructure, including Bridges, Tunnels, and other Transportation and Geotechnical Structures”

Chairman: Jerry A. DiMaggio (USA)  
Co-Chairman: A.H. Hadjian (USA)  
General Reporter: Sissy Nikolaou (USA)  
Co-General Reporters: Mary Perlea (USA)  
Official Discussers: Konstantinos Giannakos (Greece), Antonio Topa Gomes (Portugal)

**7:00 PM – 7:05 PM** Chairman opens the Session  
**7:05 PM – 7:35 PM** Presentation of the General Report  
**7:35 PM – 8:20 PM** Discussions from the Floor/Replies from Authors  
**8:20 PM – 8:30 PM** Remarks by Co-Chairman and Closure by the Chairman

#### SESSION 9 (Salon H)

9. “Case Histories of Offshore Geotechnics; Effects of Soft Clay on Off-shore Foundations; and Gas Production on Soils and Foundation and Stability”

Chairman: Jesus Gomez (USA)  
Co-Chairman: Arul Arulrajah (Australia)  
General Reporter: Gareth Swift (UK)  
Co-General Reporter:  
Official Discussers: Adam Sevi (USA), Wolfgang Brunner (Germany)

**7:00 PM – 7:05 PM** Chairman opens the Session  
**7:05 PM – 7:35 PM** Presentation of the General Report  
**7:35 PM – 8:20 PM** Discussions from the Floor/Replies from Authors  
**8:20 PM – 8:30 PM** Remarks by Co-Chairman and Closure by the Chairman

## FRIDAY, AUGUST 15, 2008

**7:00 AM – 8:00 AM** Continental Breakfast  
(Salon A-E)

**8:00 AM – 5:00 PM** REGISTRATION (continued)

**7:00 AM – 6:00 PM** SPOUSES PROGRAM – Sally Prakash (USA)  
(Salon F&G)

**8:00 AM – 8:30 AM** OSP 7 (Salon H-K)  
Chairman: Sukhmander Singh (USA)  
Speaker: Nikos Gerolymos (Greece)  
Topic: Analysis of Two Case Histories of Violent Landslides Triggered by Earthquakes

**8:30 AM – 9:15 AM** SOAP 2  
Chairman: Vlad Perlea (USA)  
Speaker: Pedro S. Seco e Pinto (Portugal)  
Topic: Lessons Learned from Two Case Histories of Retaining Structures

## FRIDAY, AUGUST 15, 2008 (Continued)

**9:15 AM – 10:00 AM**      **SOAP 6** (*Salon H-K*)  
Chairman: Ahmed Elgamal (USA)  
Speaker: **Des Hartford (Canada)**  
Topic: Risk Analysis in Geotechnical and Earthquake Engineering: State-of-the-Art and Practice for Embankment Dams

**10:00 AM – 10:30 AM**      **Presentation of Shamsher Prakash Awards and Prizes**  
(*Salon H-K*)

Master of Ceremonies, W.D. Liam Finn (Canada)  
(Past, present and future recipients)  
2007 Research      2008 Research  
2007 Practice      2008 Practice  
**(Please sign up at the Registration Desk)**

**10:30 AM – 11:00 AM**      **COFFEE BREAK – VISIT POSTERS/EXHIBITIONS**  
(*Salon A-E*)

**11:00 AM – 12:30 PM**      **CONCURRENT SESSIONS 5, 6**

### **SESSION 5** (*Salon J-K*)

“Case Histories and Failure of Retaining Structures, Slurry Walls, and Deep Excavations, Dewatering, Stability”

Chairman: Donald E. Yule (USA)  
Co-chairman: Rajaratnam V. Siddharthan (USA)  
General Reporter: Alex Sy (Canada)  
Co-General Reporters: Yingwei (Alex) Wu (USA), Salah Sadek (Lebanon), José Matos e Silva (Portugal)  
Official Discussers: Luljeta Bozo (Albania), Petr Koudelka (Czech republic), P. Jagannatha Rao (India), Berhane Gebreselassie (Germany), J.H. Wang (China)

**11:00 AM – 11:05 AM**      Chairman Open Session  
**11:05 AM – 11:35 AM**      General Report  
**11:35 AM – 12:20 PM**      Discussions from the Floor/Replies from Authors  
**12:20 PM – 12:30 PM**      Remarks by Co-Chairman  
Closure by the Chairman

### **SESSION 6** (*Salon H*)

6a. “A Case Histories and Failure of Geological, Rock and Mining Engineering, Including Underground Structures and Excavations, and Subsidence of Deltas”

6b. “Anticipation, Characterization, Design and Construction in the Geological Complexity of Mélanges, Fault Rocks, Weathered Rocks, Boulder Colluvium, Lahars, and similar bimrocks (Block-in-Matrix Rocks) and Rock/Soil Mixtures”

Chairman: Edward J. Cording (USA)  
Co-Chairman: Indra Prakash (India)  
General Reporter: Dimitros Zekkos (USA)  
Co-General Reporters: Amy L. Guisinger (USA), Daniel A. Vellone (USA), Edmond Medley (USA)  
Official Discussers: Mahadeo Ranadive (India)

**11:00 AM – 11:05 AM**      Chairman Open Session  
**11:05 AM – 11:35 AM**      General Report  
**11:35 AM – 12:20 PM**      Discussions from the Floor/Replies from Authors  
**12:20 PM – 12:30 PM**      Remarks by Co-Chairman  
Closure by the Chairman

**12:30 PM – 1:30 PM**      **LUNCH BREAK - POSTERS/EXHIBITION**



## FRIDAY, AUGUST 15, 2008 (continued)

**1:30 PM – 3:00 PM**

### **SESSION 11** (*Salon H-K*)

11a. “Application of Case Histories in Education; How Case Histories have been Incorporated in Coursework; How to Conduct Search for Case Histories, and what are the Major Sources, Examples of Specific use/s: Importance of Teaching Case Histories; From Case Histories to Conceptual Models; Importance of Practical Experience of Professors, Use of Case Histories in Teaching Process, Is it Possible to Involve Students in Case Histories (i.e. in Engineering Practice)?”

11.b “Application of Case Histories to Practice; Use of Case Histories to Enhance Practical Geotechnical Engineering; Practice in Different Offices to Achieve this Objective with Examples; Importance of Lifelong Learning; Use of Case Histories in Life Long Learning; Establishing an International data base for Case Histories”

Chairman: Poul V. Lade (USA)

Co-Chairman: Carsten Floess (USA)

Secretary: Sanjeev Kumar (USA)

**1:30 PM – 1:35 PM**

Chairman opens the Session

**1:35 PM – 2:00 PM**

Invited Distinguished Speaker - **J. David Rogers (USA)**

**2:00 PM – 2:10 PM**

Panelist 1 - **Peter Scharle (Hungary)**

**2:10 PM – 2:20 PM**

Panelist 2 - **Andre Koelewijn (Netherlands)**

**2:20 PM – 2:30 PM**

Panelist 3 - **R.K. Bhandari (India)**

**2:30 PM – 2:40 PM**

Secretary's Report - **Sanjeev Kumar (USA)**

**2:40 PM – 2:55 PM**

Discussions from the Floor

**2:55 PM – 3:00 PM**

Closure by Chairman

**3:00 PM – 3:30 PM**

### **OSP 3**

Chairman: Mahavir Bidasaria (India)

Speaker: **George E. Leventis (USA)**

Topic: Chacao Channel Bridge – The Design Challenges

**3:30 PM – 4:15 PM**

### **SOAP 1**

Chairman: Jin-Ching Chern (Taiwan, R.O.C.)

Speaker: **Yoshiaki Kikuchi (Japan)**

Topic: Bearing Capacity Evaluation of Long, Large-Diameter, Open-Ended Piles

**4:15 PM – 5:00 PM**

### **SOAP 10**

Chairman: Gautam N. Gandhi (India)

Speaker: **J. P. Singh (USA)**

Topic: Use of Case Histories in Designing and Conducting Full Scale Load Test for Developing and Validating Numerical Methods (not yet received)

**5:00 PM – 5:30 PM**

COFFEE BREAK, VISIT POSTERS/EXHIBITIONS (VIDEOS)  
(*Salon A-E*)

**6:45 PM – 7:30 PM**

**CASH BAR** (*Salon A-E*)

**7:30 PM – 10:00 PM**

**BANQUET** (*Salon H-K*)

## SATURDAY, AUGUST 16, 2008

**8:00 AM – 1:00 PM**

**REGISTRATION** (Continued)

**7:00 AM – 8:00 AM**

**Continental Breakfast**  
(*Salon A-E*)

**7:00 AM – 1:00 PM**

**SPOUSES PROGRAM-** Sally Prakash (USA)  
(*Salon F&G*)

**8:00 AM – 8:45 AM**

### **SOAP 5** (*Salon H-K*)

Chairman: Joseph P. Koester (USA)

Speaker: **J. David Rogers & Ronaldo Luna (USA)**

Topic: Recent Geotechnical Developments in Geospatial Information Systems Technology

## SATURDAY, AUGUST 16, 2008 (continued)

8:45 AM – 10:00 AM

### SESSION 3A

“Case Histories and Failure of Geotechnical Earthquake Engineering, Including Land Slides; Lessons learned from Kobe 1995, Turkey 1999, Chi-Chi 1999, Greece 1999, Bhuj India 2001, Alaska and Italy 2002, Mexico, China and Algeria 2003, 2004 M-9 SE Indonesia and Japan Earthquake, 2005 Chile, Japan and other 2006 – 2008 Earthquakes; Reports on Recent Earthquakes”

Chairman: Juan Pestana/Vijay K. Puri (USA)

Co-Chairman: Wang Lanmin (China)

8:45 AM – 8:50 AM

Chairman opens the Session

8:50 AM – 9:10 AM

**Ramón Verdugo (Chile)**

“Seismic Source and its Effect on Site Response Observed in Chilean Subductive Environment”

9:10 AM – 9:30 AM

**Robert Kayen (USA)**

“Geoengineering Aspects of Recent Damaging Earthquakes in Japan, 2003-2008”

9:30 AM – 9:50 AM

**Sri Atmaja P. Rosyidi (Indonesia)**

“Some Lessons from Yogyakarta Earthquake of May 27, 2006”

9:50 AM – 10:00 AM

Remarks by Co-Chairman and Closure by the Chairman

10:00 AM – 10:30 AM

### COFFEE BREAK, VISIT POSTERS/EXHIBITIONS

(Salon A-E)

10:30 AM – 12:30 PM

### SESSION 3B

“Case Histories and Failure of Geotechnical Earthquake Engineering, Including Land Slides; Lessons learned from Kobe 1995, Turkey 1999, Chi-Chi 1999, Greece 1999, Bhuj India 2001, Alaska and Italy 2002, Mexico, China and Algeria 2003, 2004 M-9 SE Indonesia and Japan Earthquake, 2005 Chile, Japan and other 2006 – 2008 Earthquakes; Reports on Recent Earthquakes”

Chairman: Atilla Ansal (Turkey)

Co-Chairman: Diego Lo Presti (Italy)

General Reporter: Robert Kayen (USA)

Go-General Reporters: James R. Martin II (USA)

SP Gopal Madabhushi (UK)

Official Discussers: Yu-Ning (Louis) Ge (USA)

Shirin Salemi (Iran)

10:30 AM – 10:35 AM

Chairman opens the Session

10:35 AM – 11:00 AM

Presentation of General Report

11:00 AM – 11:20 AM

**Jorge F. Meneses (USA)** – “Case Histories of Widespread Liquefaction and Lateral Spread Induced by the 2007 Pisco, Peru Earthquake”

11:20 AM – 11:40 AM

**Wang Lanmin (China)** – “The Characteristics of Disasters Induced by Wenchuan 8.0 Earthquake of China in 2008”

11:40 AM – 12:00 PM

**R.K. Bhandari (India)** - Report on India Earthquake and Hazard Mitigation Preparedness

12:00 PM – 12:20 PM

Discussions from the Floor/Replies from Authors

12:20 PM – 12:30 PM

Remarks by Co-Chairman and Closure by the Chairman

12:30 PM – 1:00 PM

### CONCLUDING SESSION AND ADJOURNMENT

Chairman – Shamsher Prakash (USA)

Report of the Organizing Committee

Comments from the Floor

Resolutions

1:00 PM

ADJOURN

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